NATHANIEL SCHENKER

Education

Ph.D. (Statistics), University of Chicago, 1985.

S.M. (Statistics), University of Chicago, 1983.

A.B. (Statistics), Princeton University, 1979.

Employment

Senior Scientist for Research and Methodology, National Center for Health Statistics, 1999 to present.

Associate Professor (with tenure), Department of Biostatistics, UCLA School of Public Health, 1992 to 1999.

Associate Professor (joint appointment), Department of Biomathematics, UCLA School of Medicine, 1993 to 1999.

Vice Chair, Department of Biostatistics, UCLA School of Public Health, 1992 to 1998.

Director, Statistical/Biomathematical Consulting Clinic, Departments of Biomathematics and Biostatistics, UCLA, 1993 to 1995.

Assistant Professor, Department of Biostatistics, UCLA School of Public Health, 1988 to 1992.

Mathematical Statistician, Statistical Research Division, U.S. Bureau of the Census, 1985 to 1988.

Consulting Activities

Consultant to the UCLA Center for Health Policy Research on a project to create synthetic estimates of the number of children in local areas who are eligible for subsidized health insurance, 1997 to 1998.

Consultant to RAND on a project to conduct a survey to investigate factors associated with the use of mammography screening, 1994 to 1996.

Consultant to the U.S. Bureau of the Census on methods for the 2000 census through a contract with the National Opinion Research Center, 1994 to 1995.

Pro bono participant in a conference on intercensal population estimates, U.S. Bureau of the Census, October 1991.

Pro bono participant in a post-enumeration survey evaluation conference, U.S. Bureau of the Census, September 1990.

Other Selected Professional Activities

Program Chair-Elect, 2002 Joint Statistical Meetings of the American Statistical Association, Institute of Mathematical Statistics, International Biometric Society (Eastern North American Region and Western North American Region), and Statistical Society of Canada, 2000 to present.

Member, Safety Indicators Subgroup, Workshop on Key Transportation Indicators, Committee on National Statistics, National Research Council, 2000 to present.

Member, Task Force on Electronic Journals, American Statistical Association, 1999 to present.

Member, Committee on Publications, American Statistical Association, 1997 to present.

Program Chair, Section on Survey Research Methods, American Statistical Association, 1999.

Member, Panel on Alternative Census Methodologies, Committee on National Statistics, National Research Council, 1995 to 1999.

Associate Editor for Applications and Case Studies, *Journal of the American Statistical Association*, 1990 to 1995.

Program Chair, Meeting of the International Biometric Society (Western North American Region), 1994.

Editor, special section entitled "Undercount in the 1990 Census," *Journal of the American Statistical Association,* 1993.

Member of organizing committee and master of ceremonies, Southern California Workshop in Applied Statistics, 1989.

Honors

Distinguished Teaching Award, UCLA Public Health Students Association, 1997.

Elected Fellow, American Statistical Association, 1995.

Elected member, Delta Omega Society, 1994.

Award for superior performance, U.S. Bureau of the Census, 1987.

Letter of commendation, Professional Skills Development Program, U.S. Bureau of the Census, 1987.

Special student award, Department of Statistics, Princeton University, 1979.

Selected Publications

Zhuang, D., Schenker, N., Taylor, J.M.G., Mosseri, V., and Dubray, B. (2000), "Analysing the Effects of Anaemia on Local Recurrence of Head and Neck Cancer When Covariate Values Are Missing," *Statistics in Medicine*, 19, 1237-1249.

Schafer, J.L., and Schenker, N. (2000), "Inference with Imputed Conditional Means," *Journal of the American Statistical Association*, 95, 144-154.

Panel on Alternative Census Methodologies (1999), *Measuring a Changing Nation: Modern Methods for the 2000 Census*, M.L. Cohen, A.A. White, and K.F. Rust, Eds., Washington: National Academy Press.

Cho, M., and Schenker, N. (1999), "Fitting the Log-F Accelerated Failure Time Model with Incomplete Covariate Data," *Biometrics*, 55, 826-833.

Meng, X., and Schenker, N. (1999), "Maximum Likelihood Estimation for Linear Regression Models with Right Censored Outcomes and Missing Predictors," *Computational Statistics & Data Analysis*, 29, 471-483.

Barnard, J., Rubin, D.B., and Schenker, N. (1998), "Multiple Imputation Methods," in *Encyclopedia of Biostatistics*, Volume 4, P. Armitage, and T. Colton, Eds., Chichester: Wiley, pp. 2772-2780.

Faucett, C.L., Schenker, N., and Elashoff, R.M. (1998), "Analysis of Censored Survival Data with Intermittently Observed Time-Dependent Binary Covariates," *Journal of the American Statistical Association*, 93, 427-437.

Rubin, D.B., and Schenker, N. (1998), "Imputation," in *Encyclopedia of Statistical Sciences*, S. Kotz, C.B. Read, and D.L. Banks, Eds., New York: Wiley, 336-342.

Panel on Alternative Census Methodologies (1997), *Preparing for the 2000 Census*, A.A. White and K.F. Rust, Eds., Washington: National Academy Press.

Schenker, N., and Taylor, J.M.G. (1996), "Partially Parametric Techniques for Multiple Imputation," *Computational Statistics & Data Analysis*, 22, 425-446.

Panel on Alternative Census Methodologies (1996), *Sampling in the 2000 Census*, A.A. White and K.F. Rust, Eds., Washington: National Academy Press.

Little, R.J.A., and Schenker, N. (1995), "Missing Data," in *Handbook of Statistical Modeling in the Social and Behavioral Sciences*, G. Arminger, C.C. Clogg, and M.E. Sobel, Eds., New York: Plenum, 39-75.

Schenker, N. (1993), "Undercount in the 1990 Census," *Journal of the American Statistical Association*, 88, 1044-1046.

Dorey, F.J., Little, R.J.A., and Schenker, N. (1993), "Multiple Imputation for Threshold-Crossing Data with Interval Censoring," *Statistics in Medicine*, 12, 1589-1603.

Schenker, N., Treiman, D.J., and Weidman, L. (1993), "Analyses of Public-Use Decennial Census Data with Multiply-Imputed Industry and Occupation Codes," *Applied Statistics*, 42, 545-556.

Rubin, D.B., and Schenker, N. (1991), "Multiple Imputation in Health-Care Data Bases: An Overview and Some Applications," *Statistics in Medicine*, 10, 585-598.

Clogg, C.C., Rubin, D.B., Schenker, N., Schultz, B., and Weidman, L. (1991), "Multiple Imputation of Industry and Occupation Codes in Census Public-Use Samples Using Bayesian Logistic Regression," *Journal of the American Statistical Association*, 86, 68-78.

Schenker, N., and Welsh, A.H. (1988), "Asymptotic Results for Multiple Imputation," *Annals of Statistics*, 16, 1550-1566.

Rubin, D.B., Schafer, J.L., and Schenker, N. (1988), "Imputation Strategies for Missing Values in Post-Enumeration Surveys," *Survey Methodology*, 14, 209-221.

Schenker, N. (1988), "Handling Missing Data in Coverage Estimation, with Application to the 1986 Test of Adjustment Related Operations," *Survey Methodology*, 14, 87-97.

Rubin, D.B., and Schenker, N. (1987), "Interval Estimation from Multiply-Imputed Data: A Case Study Using Census Agriculture Industry Codes," *Journal of Official Statistics*, 3, 375-387.

Rubin, D.B., and Schenker, N. (1987), "Logit-Based Interval Estimation for Binomial Data Using the Jeffreys Prior," *Sociological Methodology*, 17, 131-144.

Schenker, N. (1987), "Comment on 'Better Bootstrap Confidence Intervals' by Efron," *Journal of the American Statistical Association*, 82, 192-194.

Rubin, D.B., and Schenker, N. (1986), "Efficiently Simulating the Coverage Properties of Interval Estimates," *Applied Statistics*, 35, 159-167.

Rubin, D.B., and Schenker, N. (1986), "Multiple Imputation for Interval Estimation from Simple Random Samples with Ignorable Nonresponse," *Journal of the American Statistical Association*, 81, 366-374.

Schenker, N. (1985), "Qualms About Bootstrap Confidence Intervals," *Journal of the American Statistical Association*, 80, 360-361.

Meyers, G., and Schenker, N. (1983), "Parameter Uncertainty in the Collective Risk Model," *Proceedings of the Casualty Actuarial Society*, LXX, 111-143.